

gene quantitation system (ABI-Perkin-Elmer). Both probes were 5'-FAM, 3'-TAMRA labeled as follows:

Taqman Probe

5'-FAM- d5'CGCAGGATGGCATGGGGGAGGGCAT-TAMRA-3' (SEQ ID NO:1)

CAP Probe

5'-FAM- CHOL-d5'CGCAGGATGGCATGGGGGAGGGCAT-CHOL-TAMRA-3'
(SEQ ID NO:2)--

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Please insert the accompanying paper copy of the Sequence Listing, page numbers 1 to 2, at the end of the application.

REMARKS

Applicants request entry of this amendment in adherence with 37 C.F.R. §§1.821 to 1.825. This amendment is accompanied by a floppy disk containing the above named sequences, SEQ ID NOS:1-2, in computer readable form, and a paper copy of the sequence information which has been printed from the floppy disk.

The information contained in the computer readable disk was prepared through the use of the software program "PatentIn" and is identical to that of the paper copy. This amendment contains no new matter.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

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In the Specification:

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Paragraph beginning at line 14 of page 54 has been amended as follows:

A model CAP probe was synthesized using cholesterol as the hydrophobic ligand. In this simple model, cholesterol units were placed adjacent to both the donor and acceptor (Figure 1). The model sequence was B-Actin which is a well characterized probe used in the "Taqman" gene quantitation system (ABI-Perkin-Elmer). Both probes were 5'-FAM, 3'-TAMRA labeled as follows:

Taqman Probe

5'-FAM- d5'CGCAGGATGGCATGGGGGAGGGCAT-TAMRA-3' (SEQ ID NO:1)

CAP Probe

5'-FAM- CHOL-d5'CGCAGGATGGCATGGGGGAGGGCAT-CHOL-TAMRA-3'
(SEQ ID NO:2)